

(19) World Intellectual Property
Organization
International Bureau



(43) International Publication Date
13 October 2005 (13.10.2005)

PCT

(10) International Publication Number
WO 2005/094194 A2

(51) International Patent Classification: **Not classified**

(21) International Application Number:
PCT/KR2005/000949

(22) International Filing Date: 31 March 2005 (31.03.2005)

(25) Filing Language: Korean

(26) Publication Language: English

(30) Priority Data:
10-2004-0022215 31 March 2004 (31.03.2004) KR
10-2004-0022214 31 March 2004 (31.03.2004) KR
10-2004-0022213 31 March 2004 (31.03.2004) KR

(71) Applicant (for all designated States except US): **LG ELECTRONICS, INC.** [KR/KR]; 20, Yoido-Dong, Yongsongpo-Ku, Seoul 150-010 (KR).

(72) Inventors; and

(75) Inventors/Applicants (for US only): **BAEK, Seung-Myun** [KR/KR]; Lucky Apt. 12-403, Banlim-Dong, Changwon-Shi, Kyungsangnam-Do 641-764 (KR). **LEE, Koon-Seok** [KR/KR]; Sungwon Apt. 102-1406, 45-1

Sangnam-Dong, Changwon-Shi, Kyungsangnam-Do 641-778 (KR). **KIM, Yong-Tae** [KR/KR]; Daedong Apt. 1006-1504, Mukea-Ri, Jangyou-Myun, Gimhae-Shi, Kyungsangnam-Do 621-833 (KR).

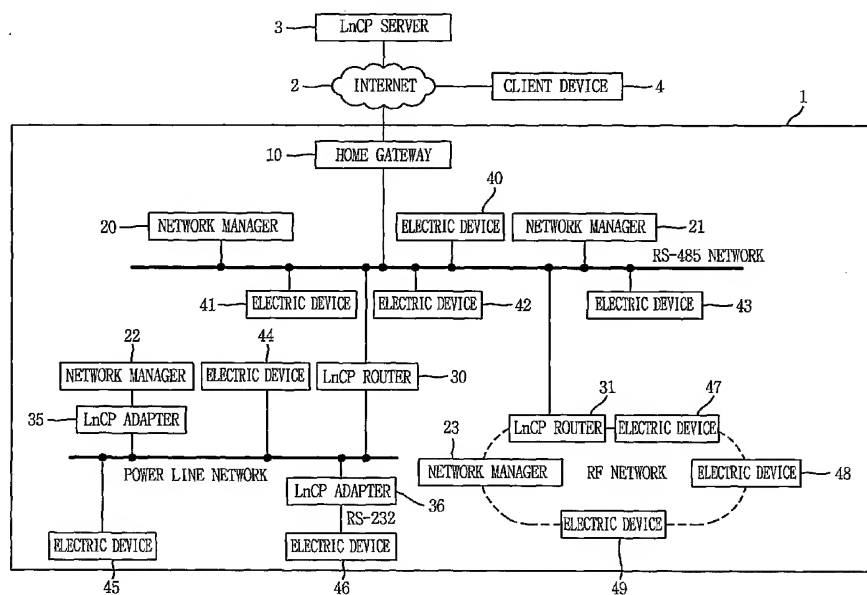
(74) Agent: **LEE, Kwang-Yeon**; LEE & KIM, 5th Floor, New-Seoul Bldg., 828-8, Yoksam 1-Dong, Kangnam-Ku, Seoul 135-935 (KR).

(81) Designated States (unless otherwise indicated, for every kind of national protection available): AE, AG, AL, AM, AT, AU, AZ, BA, BB, BG, BR, BW, BY, BZ, CA, CH, CN, CO, CR, CU, CZ, DE, DK, DM, DZ, EC, EE, EG, ES, FI, GB, GD, GE, GH, GM, HR, HU, ID, IL, IN, IS, JP, KE, KG, KP, KZ, LC, LK, LR, LS, LT, LU, LV, MA, MD, MG, MK, MN, MW, MX, MZ, NA, NI, NO, NZ, OM, PG, PH, PL, PT, RO, RU, SC, SD, SE, SG, SK, SL, SM, SY, TJ, TM, TN, TR, TT, TZ, UA, UG, US, UZ, VC, VN, YU, ZA, ZM, ZW.

(84) Designated States (unless otherwise indicated, for every kind of regional protection available): ARIPO (BW, GH, GM, KE, LS, MW, MZ, NA, SD, SL, SZ, TZ, UG, ZM, ZW), Eurasian (AM, AZ, BY, KG, KZ, MD, RU, TJ, TM), European (AT, BE, BG, CH, CY, CZ, DE, DK, EE, ES, FI,

[Continued on next page]

(54) Title: DATA PROCESSING METHOD FOR APPLICATION LAYER



(57) Abstract: The present invention discloses a data processing method for application layer based on a living network control protocol. The data processing method for application layer which is based on a predetermined protocol composed of at least a lower layer and an application layer includes the steps of: receiving a predetermined primitive from an upper application software; generating a communication cycle identifier (CycleID) according to the primitive; generating a service description according to the primitive and the communication cycle identifier (CycleID); composing an application layer protocol data unit (APDU) including the primitive; and transmitting the APDU to the lower layer.



FR, GB, GR, HU, IE, IS, IT, LT, LU, MC, NL, PL, PT, RO, SE, SI, SK, TR), OAPI (BF, BJ, CF, CG, CI, CM, GA, GN, GQ, GW, ML, MR, NE, SN, TD, TG).

For two-letter codes and other abbreviations, refer to the "Guidance Notes on Codes and Abbreviations" appearing at the beginning of each regular issue of the PCT Gazette.

Published:

— *without international search report and to be republished upon receipt of that report*